

## METHOD OF CONNECTION TO A SPARK PLUG PRESSURE SENSOR

### Abstract

The present invention provides a spark plug coil and pressure sensor assembly for providing a spark to a cylinder of an internal combustion engine. The assembly comprises a spark plug configured for mounting in a cylinder and a pressure sensor associated with the spark plug configured to detect a pressure in the cylinder and generate a pressure signal in response thereto. The assembly includes a first electrically conductive ring connector configured to receive the pressure signal and a housing having a main axis and having at least one electrically conductive leaf spring member. The leaf spring member is configured to resiliently engage the first electrically conductive ring connector over a first predetermined circumferential angle relative to the main axis of the coil housing.

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